

AMENDMENTS TO THE SPECIFICATION

Please add the following new Abstract of the Disclosure:

A liquid crystal optical shutter is provided that possesses an aperture window including first and second electrode patterns arranged on respective planar substrates. The first and second substrates are provide at a predetermined mutual distance. The electrode patterns each include a series of row electrodes, wherein the series of row electrodes of the first electrode pattern are aligned at an angle of less than 45 degrees with the series of row electrodes of the second electrode pattern so as to create a high internal electrical resistance in series with any point in the liquid crystal optical shutter. It is thereby provided a high internal electrical resistance in series with any point in the liquid crystal optical shutter while the overall external resistance of the optical shutter is maintained at a low level, significantly reducing the occurrence of electrical sparking.